| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|---|---------------------|----------------|------------------|
| 51 | 7554 | (((polising polish) near3 composition) or slury) and polyvinylpyrrolidone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR. | OFF | 2005/02/16 08:58 |
| 25 | 21 | ("451".clas.) and polyvinylpyrrolidone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | A A | #0 | 2005/02/16 10:26 |
| S | 355 | (((polising polish) near3 composition) or slurry) same polyvinylpyrrolidone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR. | H ₀ | 2005/02/15 18:04 |
| S4 | 2367 | (((polising polish) near3 composition) or slurry) and polyviny/pyrrolidone and ((polyvinyl near alcohol) or polyvinylalcohol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | A R | 0FF | 2005/02/16 09:00 |
| SS | 120 | (((polising polish) near3 composition) or slurry) and polyvinylpyrrolidone and ((polyvinyl near alcohol) or polyvinylalcohol) and (polish or polishing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR . | OFF. | 2005/02/16 10:03 |
| 98 | 117 | (((polising polish) near3 composition) or slurry) and polyvinylpyrrolidone and ((polyvinyl near alcohol) or polyvinylacchol) and (polish or polishing) and ("%" or percent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ± 0 | 2005/02/16 10:03 |
| 25 | 33547 | ("451".clas.) and (polyvinylpyrrolidone or PPlease See Continuation Sheet P) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | S. | ±0 | 2005/02/16 10:26 |
| 88 | 32 | ("451".clas.) and (polyvinylpyrrolidone or pvp.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | g g | ±0 | 2005/02/16 10:27 |
| 65 | 17 | ("451".clas.) and (połyvinylpytrolidone or pvp) and ((połyvinyl near alcohol) or połyvinylalcohol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | S. | OFF | 2005/02/17 10:57 |

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| Page 2 | My Documents\EAST\Workspaces\10785666.wsp |
|----------------------------|---|
| , 8/9/05 6:07:29 PM Page 2 | ts and Settings\bmuller\M |
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2005/02/16 17:53

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ğ

USOCR; EPO; JPO; DERWENT US-PGPUB;

2005/02/16 11:19

胀

8

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

("451".clas.) and (polyvinyl adj pyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol)

28

510

2005/02/16 13:55

붠

8

US-PGPUB;

("451".clas.) and

8

S11

USOCR; EPO; JPO; DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

(polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)

2005/02/16 14:19

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8

2005/02/16 16:37

PF.

8

US-PGPUB;

("51".clas.) and

4

S12

(polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pva)

("438".clas.) and

83

S14

USPAT;

2005/02/16 16:37

片

8

USOCR; EPO; JPO; DERWENT US-PGPUB;

(polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)

2005/02/16 16:49

OFF

8

USPAT;

USOCR; EPO; JPO; DERWENT US-PGPUB;

(polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)

("451".clas.) and

8

S16

2005/02/16 16:38

HO

8

S15 not (S17 or S16)

23

S18

USPAT;

USOCR; EPO; JPO; DERWENT US-PGPUB;

(polyvinylpyrrolidone or pvp or (polyvinyl adj pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva)

("438".clas.) and

83

517

2005/08/09 14:10

붠

8

US-PGPUB;

USPAT;

(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with advantage\$4)

S20

USPAT; USOCR; EPO; JPO; DERWENT

(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with advantage)

7

519

2005/02/16 17:28

쁑

8

US-PGPUB; USPAT;

(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or potyvinylalcohol or pvoh or pva) with hydrolyzation)

0

521

USOCR; EPO; JPO; DERWENT

USOCR; EPO; JPO; DERWENT

| · · · . | | | | | | | |
|--|--|---|--|---|---|--|---|
| 2005/08/09 14:08 | 2005/02/17 08:58 | 2005/02/16 17:18 | 2005/02/16 17:18 | 2005/02/16 17:24 | 2005/02/16 17:26 | 2005/02/16 17:19 | 2005/02/16 17:24 |
| 1 0 | H 0 | ⊕ | ₩ | 1 0 | FO. | H0 | 0FF |
| OR. | A A | A R | 8 B | 8 | 8 | æ | OR |
| US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | USPAT USPAT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT |
| (((polyvinyl near atcohol) or polyvinylalcohol or pvoh or pva) with hydrolyzation) | (US-20010005009+\$ or US-20020019202-\$ or US-20020037642-\$ or US-20030121214-\$ or US-20030121214-\$ or US-20040033771-\$ or US-20050028450-\$, or US-20050028450-\$, or US-2018191812-\$ or US-6436811-\$ or US-644812-\$ or US-6436811-\$ or US-644812-\$ or US-6582819-\$ or US-65777-\$ or US-6582819-\$ or US-65177-\$ or US-6582819-\$ or US-65177-\$ or US-6582819-\$ or US-661877-\$ or US-688811-\$ | S23 and hydrolization | (("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with (mole adj (percent or "%"))) | S23 and vinex | (("438" or 51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with (vinex)) | (("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) same (vinex)) | S23 and elvanol |
| 8 | | 0 | - | 0 | 0 | 0 | 0 |
| 522 | 823 | S24 | S25 | | 222 | 828 | 825 |

2005/02/16 17:28

병

8

2005/02/16 17:49

#0

8

EPO; JPO; DERWENT USPAT; USOCR;

(("438" or "51" or "451"), clas.)
and (((polyvinyi near alcohol) or
polyvinylalcohol or pvoh or pva)
with hydrolyzation)

0

534

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

((citric adj acid) or glycine or benzotriazole or triazole or (hydrogen adj peroxide) PVA PVP

((corrosion near inhibitor) or (complexing near agent)) with

2831

S35

2005/02/16 17:54

H

윉

US-PGPUB; USPAT;

((corrosion near inhibitor) or (complexing near agent)) near3

1379

S36

((citric adj acid) or glycine or

benzotriazole or triazole or

(ammonium adj polyacrylate))

USOCR; EPO; JPO; DERWENT

(hydrogen adj peroxide) PVA PVP

(ammonium adj polyacrylate))

(("438" or51 or "451").clas.)

263464

537

2005/02/16 18:05

HO

8

US-PGPUB; USPAT; USOCR;

2005/02/16 17:53

腾

8

US-PGPUB;

S37 and S36

167

S38

USPAT; USOCR; EPO; JPO; DERWENT

EPO; JPO; DERWENT

2005/02/16 17:28

Щ

8

US-PGPUB;

USPAT;

(("438" or "51" or "451"),clas.)
and (((polyvinyl near alcohol) or
polyvinylalcohol or pvoh or pva)
with hydrolyze)

0

S33

USOCR; EPO; JPO; DERWENT US-PGPUB;

2005/02/16 17:28

HO

8

2005/02/16 17:28

Щ

8

EPO; JPO; DERWENT US-PGPUB;

(("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with hydrolysis)

S30

2005/02/16 17:28

片

8

(("438" or "51" or "451").clas.)
and (((polyvinyl near alcohol) or
polyvinylalcohol or pvoh or pva)
with hydrokysis)

532

USOCR; EPO; JPO; DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

(("438" or51 or "451").clas.) and (((polyxinyl near alcohol) or polyxinylalcohol or pvoh or pva) with hydrohyze)

0

S31

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| 2002/02 | |
|---|--|
| 0FF | |
| OR | |
| US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT | |
| ((corrosion near inhibitor) or (complexing near agent)) near3 ((hydrogen adj peroxide) PVA PVP) | |
| 246 | |
| 539 | |

2005/02/17 09:38

| 2005/02/16 17:58 | 2005/02/16 17:59 | 2005/02/16 17:59 | 2005/02/16 18:05 | 2005/02/16 18:08 | 2005/02/16 18:06 | 2005/02/16 18:07 | 2005/02/16 18:09 | 2005/02/16 18:09 | 2005/02/16 18:10 |
|--|---|---|---|---|--|---|---|--|--|
| # | # | П | 开 . | #0 # | 0FF | 90H | ₩ | HO H | 0FF |
| OR | OR | OR | Se . | SO. | OR | OR. | 8 | 8 | 8 |
| US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT |
| (corrosion near inhibitor) near3 ((hydrogen adj peroxide) PVA PVP) | (corrosion near inhibitor) near3 (glycine or (\$4tiazole)) | 537 and 540 | (("51" or "451").clas.) | S43 and (pad adj pressure) | 543 and ((pad adj pressure) same (Kilopascals or (Kilo adj pascals))) | S43 and ((pad adj pressure) same (kpa)) | 543 and (pad adj pressure) and (CMP or ("chemical mechanical polish\$3")) | S43 and (pad adj pressure) same (CMP or ("chemical mechanical polish\$3")) | S43 and (pad adj pressure) same (CMP or ("chemical mechanical polish\$3") same (advantage\$4)) |
| 106 | 178 | 19 | 106095 | 326 | 0 | Ħ | 203 | 77 | 2 |
| 840 | 241 | 542 | 543 | 544 | 545 | 546 | S47 | 248 | S49 |

2005/02/16 18:11

HO

8

S43 and (pad adj pressure) same (CMP or ("chemical mechanical polish\$3")) same (advantage\$4)

550

2005/02/16 18:12

#0

8

S43 and (pad adj pressure) same (advantage\$4) and (CMP or ("chemical mechanical polish\$3"))

7

S51

USOCR; EPO; JPO; DERWENT US-PGPUB; 2005/02/16 18:22

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8

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

S43 and ((pad adj pressure) same (advantage\$4)) and (CMP or ("chemical mechanical polish\$3"))

~

S52

USPAT; USOCR; EPO; JPO; DERWENT 2005/02/16 18:39

Н0

贸

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

S43 and ((removal adj rate) same (advantage\$4)) and (CMP or "chemical mechanical polish\$3"))

5

S53

2005/02/16 18:29

HO

8

US-PGPUB; USPAT;

S43 and ((removal adj rate) same (advantage\$4) same angstrom\$) and (CMP or ("chemical mechanical polish\$3"))

4

S54

USOCR; EPO; JPO; DERWENT 2005/02/16 18:30

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8

S43 and ((removal adj rate) same

23

S22

(advantage\$4)) and angstrom\$ and (CMP or ("chemical mechanical polish\$3"))

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT 2005/02/16 18:46

붠

8

US-PGPUB;

162

S26

USPAT;

S43 and (((removal adj rate) same C'nm" or angstrom\$1 or minute\$1) and (CMP or ("chemical mechanical polish\$3"))

USOCR; EPO; JPO; DERWENT 2005/02/16 18:41

胀

8

S43 and (((removal adj rate) same

8

S57

("nm" or angstrom\$1 or minute\$1)) same (advantage\$4)) and (CMP or ("chemical

mechanical polish\$3"))

7

S28

US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT 2005/02/17 09:00

H

쭝

US-PGPUB; USPAT

(US-20020132563-\$ or US-20020019202-\$ or US-20010024933-\$).did. or (US-630824-\$ or US-6503418-\$ or US-6413812-\$ or US-6328634-\$). did. 2005/02/17 09:04

胀

8

US-PGPUB; USPAT

SS8 and (polyvinylpyrrolidone or (polyvinyl near alcohol) or hyrolyzation or (removal adj rate) or "ph")

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S29

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| 2005/02/17 09:13 | 2005/02/17 09:14 | 2005/02/17 09:14 | 2005/02/17 09:14 | 2005/02/17 10:35 | 2005/02/17 10:37 | 2005/02/17 10:40 | 2005/02/17 10:38 | 2005/02/17 10:41 | 2005/02/17 10:41 |
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| H-0 | OFF | OFF. | OFF. | ₩ | H0 | H0 | ₩ | H0 | 0H |
| go G | OR | OR | S. | 80 | 8 8 | 8 | 8 S | æ | NO N |
| US-PGPUB; USPAT | US-PGPUB; USPAT | US-PGPUB; USPAT | US-PGPUB; USPAT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT |
| SSB and (polyvinylpyrrolidone or (polyvinyl near alcohol) or hyrolyzation or (removal adj rate) or 'ph' or PVP or PVA or PVOH or polyvinylalcohol or "poly vinyl alcohol") | SSB and (polyvinylpyrrolidone or (polyvinyl near alcohol) or hyrolyzation or (removal adj rate) or phy or PVA or PVOH or polyvinylalcohol or "poly vinyl alcohol" or low-k) | copper near3 low-k | copper near low-k | (complexing near agent) near3 ((hydrogen adj peroxide) PVA PVP) | hydrohzation with ((mole or mol) adj (percent or "%")) | hydrohzation same ((mole or mol) adj (percent or "%")) | hydrolyzation and ((mole or mol) adj (percent or "%")) | hydrolyzation same (((mole or mol) adj (percent or "%")) and water) | (hydrolyzation same water) and ((mole or mol) adj (percent or "%")) |
| | 7 | 438 | 66 | 140 | 14 | 36 | 197 | . 56 | 2 |
| 098 | | 295 | 563 | S64 | 265 | 998 | 298 | 898 | 698 |

| 2005/02/17 10:59 | 2005/08/09 13:49 | 2005/08/09 14:11 | 2005/08/09 14:10 | 2005/08/09 14:10 | 2005/08/09 14:48 | 2005/08/09 14:36 | 2005/08/09 14:48 |
|--|---|--|---|---|--|---|--|
| OFF. | | #60 | 0FF | FF0 | 0 FF | - DOFF | - DFF |
| OR | S. | OR. | a a | g g | 8 | 8 | g g |
| US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT |
| (("438" or51 or "451").clas.) and (polyvinylpyrrolidone or pvp or ("poly vinyl pyrrolidone") or (polyvinyl adi pyrrolidone)) and ((polyvinyl near alcohol) or polyvinylalcohol or PVA or ("poly vinyl alcohol")) and ("weight average molecular weight") | 10/152983.app. | (CMP or "chemical mechanical polishing") and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with advantage\$4) | (("438" or51 or "451").clas.) and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with advantage\$4) | S72 not S73 | (CMP or "chemical mechanical polishing") and ((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) | (CMP or "chemical mechanical polishing") and (((polyvinyl near alcohol) or polyvinylalcohol or pvoh or pva) with ("%" percent)) | ("451".clas.) and (CMP or "chemical mechanical polishing") and ((polyvinyl near alcohol) or polyvinylaicohol or pvoh or pva) |
| 10 | ~ | 4 | . | 4 | 1287 | 59 | 251 |
| 820 | 571 | 27.8 | S73 | S74 | S75 | S76 | <i>TT</i> S |

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